

# FULLY FLOATING AND PIVOTED BELT SCALES



## AUSTRALIAN LEADER

Our belt scales provide vital information that allows you to effectively manage and operate your business. They provide accurate data for process control, product reconciliation and a basis for custody transfer payments.

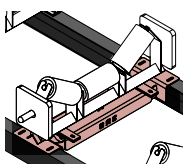
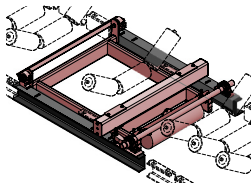
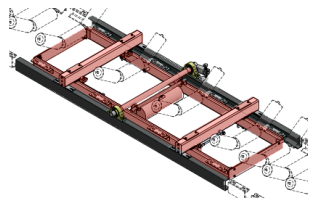
## ONE-STOP-SHOP

SRO Technology has proudly designed and manufactured belt weighing equipment in Australia for more than 30 years. Our company is a one-stop shop that designs, assembles, installs and maintains pivoted and fully floating belt scales.

We can also provide NMI verification services for trade approved applications. Every belt scale is custom-designed for your specific application.

## FEATURES

- Factory assembled for one-piece installation.
- Galvanised, painted steel, or stainless steel designs.
- Custom-built precision weigh idlers and frames.
- Hermetically sealed steel load cells.
- Supports a wide range of control electronics from all major manufacturers.
- SRO-designed sunshades and IP66 stainless enclosures for environmental protection.
- Can be designed to fit without cutting or modifying your conveying structure.
- Optimised to reduce accuracy loss from material build-up.
- Store in place calibration plates, billet weights and calibration chains designed for your weigher.

MODEL	BA-10	BA-2X	BA-4X
<b>Key feature</b>	Cost-effective, off-the-shelf design	Compact, versatile and reliable	Highest accuracy
<b>Iso-view</b>			
<b>Usage</b>	Low to medium loading and belt speeds for narrower size belts. Medium accuracy and high repeatability.	Medium to high loadings and belt speeds with medium accuracy. Optional counterweight carriage for light loadings. Ideal when space or cost limits prevail.	Low to high loadings and belt speeds for reporting and reconciliation. Highest accuracy and repeatability. Most flexible in terms of loading and belt speed range.
<b>Belt width</b>	450 mm to 900 mm*	450mm minimum to any belt width	450mm minimum to any belt width
<b>Idlers</b>	One idler	One or two idlers	One to six idlers
<b>Accuracy**</b>	0.50% to 3.00%	0.50% to 2.00%	0.25% to 0.75%
<b>Construction</b>	Mild steel welded to AS1554.1 Class GP or boltable laser cut stainless steel modular frame	Mild or stainless steel, welded to AS1554.1 Class GP	Mild or stainless steel, welded to AS1554.1 Class GP
<b>Load cells</b>	One platform load cell	One or two S-type load cells	Four S-type load cells
<b>Finish</b>	Blasted or bare stainless, galvanised to AS4680:2006 or painted to customer specification		
<b>Integrator</b>	SRO, Thermo Ramsey, Siemens or customer choice		
<b>Output</b>	Pulse totaliser, 4-20mA, with optional ethernet, profibus and other serial comms		
<b>Enclosures</b>	Options include SRO sunshade or IP66 stainless steel		
<b>Speed sensor</b>	Trailing arm, tail pulley mount, spiral cage pulley and other options		

\*Depending on loading \*\*Accuracy depends on speed, environmental conditions and location

## SRO Technology Solutions in Measurement

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